

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01R33/567

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, IBM-TDB, COMPENDEX, INSPEC, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	MELCHERT U H ET AL: "MOTION-TRIGGERED CINE MR IMAGING OF ACTIVE JOINT MOVEMENT" MAGNETIC RESONANCE IMAGING, TARRYTOWN, NY, US, vol. 10, no. 3, 1992, pages 457-460, XP009013558 ISSN: 0730-725X the whole document	1-5, 8, 11-13, 15, 19-21
Y	----- -/-	6, 7, 16, 18

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

5 November 2004

Date of mailing of the international search report

17/11/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	BROSSMANN J ET AL: "PATELLAR TRACKING PATTERNS DURING ACTIVE AND PASSIVE KNEE EXTENSION: EVALUATION WITH MOTION-TRIGGERED CINE MR IMAGING" RADIOLOGY, OAK BROOK, IL, US, vol. 187, no. 1, 1993, pages 205-212, XP009013584 ISSN: 0033-8419 Section "Materials and methods" figures 1,8-10	1-5, 8, 11-13, 15, 19-21
Y	-----	6, 7, 16, 18
X	NIITSU M ET AL: "Tears of cruciate ligaments and menisci: Evaluation with cine MR imaging" RADIOLOGY, vol. 178, 1991, pages 859-864, XP009039100 Section "Subjects and methods" figures 1-4	1-5, 8-15, 19-21
Y	-----	6, 7, 16, 18
X	US 5 154 178 A (SHAH AJIT S) 13 October 1992 (1992-10-13) column 2, line 6 - column 9, line 25 figure 1	1-5, 8-15, 19-21
Y	-----	6, 7, 16, 18
X	US 5 541 515 A (TSUJITA KAZUHIKO) 30 July 1996 (1996-07-30) column 3, line 1 - column 6, line 18 figures 3,4,7-11,14	1-5, 8-15, 19-21
Y	-----	6, 7, 16, 18
X	LENZ G W ET AL: "RETROSPECTIVE CARDIAC GATING: A REVIEW OF TECHNICAL ASPECTS AND FUTURE DIRECTIONS" MAGNETIC RESONANCE IMAGING, TARRYTOWN, NY, US, vol. 7, no. 5, September 1989 (1989-09), pages 445-455, XP009020331 ISSN: 0730-725X Sections "Theory, Materials and methods" figure 1	1-5, 11-13, 15, 21
Y	-----	6, 7, 16, 18
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SPRAGGINS T A: "WIRELESS RETROSPECTIVE GATING: APPLICATION TO CINE CARDIAC IMAGING" MAGNETIC RESONANCE IMAGING, TARRYTOWN, NY, US, vol. 8, no. 6, 1990, pages 675-681, XP009021008 ISSN: 0730-725X Sections "Introduction, Method" figures 2-5	1-5, 11-15, 21
Y	-----	6, 7, 16, 18
X	KIM W S ET AL: "EXTRACTION OF CARDIAC AND RESPIRATORY MOTION CYCLES BY USE OF PROJECTION DATA AND ITS APPLICATIONS TO NMR IMAGING" MAGNETIC RESONANCE IN MEDICINE, ACADEMIC PRESS, DULUTH, MN, US, vol. 13, no. 1, 1990, pages 25-37, XP000103634 ISSN: 0740-3194 the whole document	1-5, 11-15, 21
Y	-----	6, 7, 16, 18
X	US 6 549 008 B1 (ANAND CHRISTOPHER K ET AL) 15 April 2003 (2003-04-15) column 1, line 5 - column 6, line 64	1-5, 11-15, 17, 21
Y	-----	6, 7, 16, 18
Y	EP 0 599 456 A (PICKER INT INC) 1 June 1994 (1994-06-01) page 5, line 18 - page 6, line 21 figures 2, 4	6, 7, 18
Y	----- US 2002/039024 A1 (KATSCHER ULRICH ET AL) 4 April 2002 (2002-04-04) paragraph '0014! - paragraph '0027! paragraph '0039! - paragraph '0067!	16
A	QUICK HH ET AL: "Real-time MRI of joint movement with TrueFISP" PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 9TH SCIENTIFIC MEETING AND EXHIBITION, GLASGOW, SCOTLAND, UK, 21-27 APRIL 2001, 21 April 2001 (2001-04-21), page 2131, XP002303697 the whole document	1-21
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATEL VV ET AL: "Non-invasive, weight bearing MRI analysis of tibio-femoral biomechanics"</p> <p>PROCEEDINGS OF THE INTERNATIONAL SOCIETY FOR MAGNETIC RESONANCE IN MEDICINE, 10TH SCIENTIFIC MEETING, HONULULU, HAWAI'I, USA, 18-24 MAY 2002, 18 May 2002 (2002-05-18), page 1804, XP002303698 the whole document</p> <p>-----</p>	1-21

Information on patent family members

PCT/IB2004/051611

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